

PLAN VIEW-(AT VARIOUS LEVELS LEFT TO RIGHT: WATERLINE, FIRST PAD SUPPORT, TOP PAO, CABINET TOP, & ENO WATER DISTRIBUTION LINE.)

## PAD CABINET OFSIGN - EXAMPLE ASSUME:

ASSUME:

I) ONE AIR CHANGE PER MINUTE.

I) LE, BLOR, WI-20O, W-50, H-7.5'
CALCULATE ARACTY-20OX SOX73-75.000 CFM.

2. PAO AREA - 75.000 CFM X 3 FT/000 CFM-375 FT/2
3.1 V-VLS 9.2'S WICE SO COMP 375 F00 FPM-600 (OK)

IN LIVER FLOW-75.000 CFM X 4 GFM/1000 CFM-30 GFM.

HOZLE PATTERN = 3069M = 50° SOF MAY 000 CFM-30 GFM.

SELECT: HALF ORCLE FLAT SPRAY NOZZLES
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A) USE TO DRILL B 10-32 MACHINE TAP INTO PVC. B) HANO TIGHTEN 3 OR 4

TURNS. ALTERNATE: ADJUSTABLE FULL OR HALF CIRCLE SHRUB HEADS AT .6±.1 GPM @ 15 PSI, I'O.C.

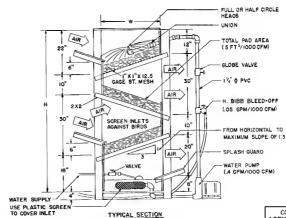
A) SPACE NOZZLES TO AT LEAST A DOUBLE OVER B) DIRECT SPRAY OOWNLINE.

6 PUMP H.P = Qh/2000 = 30 GPM X 59 2000 = .89
7. BLEEO-OFF = 75,000 CFM X .05 GPM/1000 CFM = 4 GPM

## CABINET LINING SUGGESTIONS

1.) USE 3/6" OR 1/4" CEMENT ASBESTOS BD. FOR CABINET, SPLASH B ORAIN STORAGE LININGS.

2.) WATERPROOF W/2" NYLON MESH TAPE TO CORNERS B SEAMS, COAT W/EMULSIFIED ASPHALT, ALTERNATE, USE FIBERGLASS TAPE. COAT W/195FT\*POLYETHLENE RESIN. VENTILATE OR USE GAS MASK.CLEAN BRUSH W/ACETATE.



COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

AND UNITED STATES DEPARTMENT OF A GRICULTURE COOPERATING EVAPORATIVE COOLING PAD CABINET SHEET | OF | AZ. 620B

BASED ON: UNIV. OF ARIZ. PLAN NO. A-186

SCALE: 34"=1'-0"